

INT212 - COMPUTER AIDED DESIGN 1

Course Title	<b>COMPUTER AIDED DESIGN 1</b>				
Course Code	<b>INT212</b>				
Course Type	<b>Required</b>				
Level	<b>Bachelor</b>				
Year / Semester	Year 2 / 1 <sup>st</sup> Semester				
Teacher's Name	Dr Anna Merry / Charis Solomou				
ECTS	5	Lectures p/w:	1	Labs p/w:	1
Course Purpose and Objectives	<p>The course aims to:</p> <ul style="list-style-type: none"> <li>• To identify certain IT technologies in relation to area of specialization and to provide select necessary skills and knowledge of computer design as a tool for artists and designers.</li> <li>• To demonstrate skills and competences characterized by harmony and function between design and technology, moving from the traditional art and design boards to a contemporary art and design methodology</li> <li>• To experiment with modern computer aided design packages and examine the basic design tools of the software package.</li> <li>• To select appropriate technology and support the use of it in the professional sphere.</li> <li>• To develop and create final artwork needed for the general cause of the area of specialization in art and design</li> </ul>				
Learning Outcomes	<p>Students should be able to:</p> <ul style="list-style-type: none"> <li>• Employ architectural drawing software as an integral part of the design process</li> <li>• Develop the ability to describe structure, form and volume through computer software</li> <li>• Apply the appropriate 2d and 3d drawing for visual communication</li> </ul>				
Prerequisites	INT121	Co-requisites:	-		
Course Content	<p><b>Course Content (Syllabus):</b>  This course aims to introduce students to the fascinating world of computers and its increasingly important role as a tool in both architectural and interior firms. Learning of the appropriate computer package and debating on the difficult task of combining conceptual thinking with the practical abilities granted by the new technology.</p> <p>Students will be taught the basic tools of 2D and 3D Autocad, based on exercises. After familiarization, the students will use these tools as an aid to complete interior design projects.</p> <p><b>Lab Work:</b>  Computer lab work and tutorials is carried out involving the whole group and takes place within the whole spectrum of the duration of the course as this is allocated on</p>				

	the weekly schedule. Computer lab work also includes interim and final critique exercises.
Teaching Methodology	<ul style="list-style-type: none"> <li>• Illustrated lectures and demonstrations</li> <li>• Practical workshops</li> <li>• Exercises</li> <li>• Student centred practical work</li> <li>• Personal research, realization and manipulation in project work</li> </ul>
Bibliography / References	Software manuals and websites
Assessment	<ul style="list-style-type: none"> <li>• Interim Critique                      33%</li> <li>• Final Critique                            33%</li> <li>• Final Assessment                        34%</li> <li>    Total:                                      100%</li> </ul> <p><u>Note:</u> The criteria for assessing the students is based on the use of the IT technologies in comparison to the practical work being carried out within Interior Design projects.</p>
Language	English